

Title (en)  
Infrared radiator

Title (de)  
Infrarotstrahler

Title (fr)  
Radiateur infrarouge

Publication  
**EP 1168418 B1 20120919 (DE)**

Application  
**EP 01113703 A 20010602**

Priority  
DE 10029437 A 20000621

Abstract (en)  
[origin: EP1168418A1] Infrared radiator has a heating element (2) spaced away from a wall of a quartz glass tube (1) and centered on axis of the glass tube using spacers (3). The heating element has the form of a spiral or coiled ribbon. An Independent claim is included for a method for operating an infrared radiator.

IPC 8 full level  
**H01K 1/24** (2006.01); **H05B 3/10** (2006.01); **H01K 1/06** (2006.01); **H01K 7/00** (2006.01); **H05B 3/04** (2006.01); **H05B 3/44** (2006.01)

CPC (source: EP US)  
**H01K 1/24** (2013.01 - EP US); **H01K 7/00** (2013.01 - EP US); **H05B 3/04** (2013.01 - EP US); **H05B 3/44** (2013.01 - EP US);  
**H05B 2203/032** (2013.01 - EP US)

Citation (examination)  
• DE 4419285 A1 19951207 - HERAEUS NOBLELIGHT GMBH [DE]  
• DE 2432762 A1 19750130 - THORN ELECTRICAL IND LTD  
• GB 864318 A 19610406 - GEN ELECTRIC CO LTD  
• DE 19545296 A1 19970612 - HERAEUS NOBLELIGHT GMBH [DE]

Cited by  
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DOCDB simple family (publication)  
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